

RATE DESIGN FOR RATE RCDS - RETAIL CUSTOMER DELIVERY SERVICE \$1,526,612,902 Embedded Revenue
CALCULATION OF RATES AND REVENUE (ER)
EPEC-ECC and Monthly Demands **\$1,374,000,000** Revenue Proposed in Liberty Report
 (RR)

		REVISED EMBEDDED COST STUDY				EPEC	REVENUE PURSUANT TO LIBERTY REPORT IN DOCKET No. 01-0423					
RESIDENTIAL DELIVERY SERVICE CUSTOMERS (1)	Billing Units	Embedded Cost	Embedded Unit Cost	Embedded Revenue	Total Embedded Revenue	Total Revenue	Unit Charges (2)	Revenue	Total Revenue	as a % of EPEC	Annual kWh	Overall \$/kWh
	(A)	(B)	(C) = (B) / (A)	(D) = (A) * (C)	(E) = (D) by class	(F) = (E) * (RR) / (ER)	(G) = (C) * (RR) / (ER)	(H) = (A) * (G)	(J) = (H) by class	(K) = (J) / (F)	(L)	(M) = (J) / (L)
Single Family Without Space Heat												
Customer Charge	24,692,283	\$149,935,319	\$6.07	\$149,882,158			\$5.47	\$135,066,788				
Standard Metering Service Charge	24,692,283	\$43,386,432	\$1.76	\$43,458,418			\$1.58	\$39,013,807				
Distribution Facilities Charge (kWh)	18,085,441,483	\$372,274,819	\$0.02058	\$372,198,386			\$0.01852	\$334,942,376				
Total					\$565,538,962	\$509,002,991			\$509,022,971	100.00%	18,085,441,483	\$0.02815
Multi Family Without Space Heat												
Customer Charge	11,210,889	\$64,613,576	\$5.76	\$64,574,721			\$5.18	\$58,072,405				
Standard Metering Service Charge	11,210,889	\$20,791,445	\$1.85	\$20,740,145			\$1.67	\$18,722,185				
Distribution Facilities Charge (kWh)	3,757,622,321	\$73,621,663	\$0.01959	\$73,611,821			\$0.01763	\$66,246,882				
Total					\$158,926,687	\$143,039,056			\$143,041,472	100.00%	3,757,622,321	\$0.03807
Single Family With Space Heat												
Customer Charge	557,791	\$3,688,429	\$6.61	\$3,686,999			\$5.95	\$3,318,856				
Standard Metering Service Charge	557,791	\$984,079	\$1.76	\$981,712			\$1.58	\$881,310				
Distribution Facilities Charge (kWh)	1,052,574,530	\$17,066,469	\$0.01621	\$17,062,233			\$0.01459	\$15,357,062				
Total					\$21,730,944	\$19,558,538			\$19,557,228	99.99%	1,052,574,530	\$0.01858
Multi Family With Space Heat												
Customer Charge	1,810,676	\$10,294,488	\$5.69	\$10,302,746			\$5.12	\$9,270,661				
Standard Metering Service Charge	1,810,676	\$3,282,755	\$1.81	\$3,277,324			\$1.63	\$2,951,402				
Distribution Facilities Charge (kWh)	1,931,763,743	\$36,914,346	\$0.01911	\$36,916,005			\$0.01720	\$33,226,336				
Total					\$50,496,075	\$45,448,068			\$45,448,399	100.00%	1,931,763,743	\$0.02353
Residential TOTAL		\$796,853,820			\$796,692,668	\$717,048,653			\$717,070,070	100.00%	24,827,402,077	\$0.02888

Notes:
(1) Computations performed are provided in response to data request ML2-1 dated December 6, 2002.
(2) Minor rounding exists.

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		REVISED EMBEDDED COST STUDY				EPEC	REVENUE PURSUANT TO LIBERTY REPORT IN DOCKET No. 01-0423					
NONRESIDENTIAL DELIVERY SERVICE CUSTOMERS (1)	Billing Units	Embedded Cost	Embedded Unit Cost	Embedded Revenue	Total Embedded Revenue	Total Revenue	Unit Charges (5)	Revenue	Total Revenue	as a % of EPEC	Annual kWh	Overall \$/kWh
	(A)	(B)	(C) = (B) / (A)	(D) = (A) * (C)	(E) = (D) by class	(F) = (E) * (RR) / (ER)	(G) = (C) * (RR) / (ER)	(H) = (A) * (G)	(J) = (H) by class	(K) = (J) / (F)	(L)	(M) = (J) / (L)
With Only Watt-hour Only Meters												
Customer Charge	1,305,660	\$7,419,787	\$5.68	\$7,416,149			\$5.10	\$6,658,866				
Standard Metering Service Charge	1,305,660	\$2,367,797	\$1.81	\$2,363,245			\$1.64	\$2,141,282				
Distribution Facilities Charge (kWh)	693,286,760	\$10,337,753	\$0.01491	\$10,336,906			\$0.01342	\$9,303,908				
Total					\$20,116,300	\$18,105,308			\$18,104,056	99.99%	693,286,760	\$0.02611
0 kW up to and including 25 kW												
Customer Charge	1,733,977	\$9,857,006	\$5.68	\$9,848,989			\$5.10	\$8,843,283				
Standard Metering Service Charge	1,733,977	\$7,559,873	\$4.36	\$7,560,140			\$3.89	\$6,745,171				
Distribution Facilities Charge (kW) (2)	13,557,695	\$50,851,788	\$3.75	\$50,841,356			\$3.38	\$45,825,009				
Rider HVDS Credit (kW) (3)	0		(\$0.10138)	\$0			(\$1.74)	\$0				
Total					\$68,250,485	\$61,427,600			\$61,413,463	99.98%	3,578,278,067	\$0.01716
Over 25 kW up to and including 100 kW												
Customer Charge	615,702	\$3,810,587	\$6.19	\$3,811,195			\$5.68	\$3,497,187				
Standard Metering Service Charge	615,702	\$2,877,189	\$4.67	\$2,875,328			\$4.20	\$2,585,948				
Distribution Facilities Charge (kW) (2)	22,077,986	\$92,118,923	\$4.17	\$92,065,202			\$3.75	\$82,792,448				
Rider HVDS Credit (kW) (3)	0		(\$0.10138)	\$0			(\$1.74)	\$0				
Total					\$98,751,725	\$88,879,683			\$88,875,583	100.00%	6,837,165,121	\$0.01300
Over 100 kW up to and including 400 kW												
Customer Charge	203,585	\$2,867,255	\$14.08	\$2,866,477			\$12.39	\$2,522,418				
Standard Metering Service Charge	203,585	\$1,143,712	\$5.62	\$1,144,148			\$5.06	\$1,030,140				
Distribution Facilities Charge (kW) (2)	28,494,661	\$125,874,983	\$4.42	\$125,946,402			\$3.98	\$113,408,751				
Rider HVDS Credit (kW) (3)	429		(\$0.10138)	(\$43)			(\$1.74)	(\$746)				
Total					\$129,956,984	\$116,965,405			\$116,960,563	100.00%	10,294,281,151	\$0.01136
Over 400 kW up to and including 800 kW												
Customer Charge	45,417	\$639,451	\$14.08	\$639,471			\$12.67	\$575,433				
Standard Metering Service Charge	45,417	\$350,965	\$7.73	\$351,073			\$5.76	\$261,602				
Distribution Facilities Charge (kW) (2)	19,051,323	\$90,373,761	\$4.74	\$90,303,271			\$4.27	\$81,349,149				
Rider HVDS Credit (kW) (3)	12,770		(\$0.10138)	(\$1,295)			(\$1.74)	(\$22,220)				
Total					\$91,292,520	\$82,166,162			\$82,163,964	100.00%	7,949,109,215	\$0.01034
Over 800 kW up to and including 1,000 kW												
Customer Charge	7,761	\$109,288	\$14.08	\$109,275			\$12.67	\$98,332				
Standard Metering Service Charge	7,761	\$41,798	\$5.39	\$41,832			\$7.15	\$55,491				
Distribution Facilities Charge (kW) (2)	5,470,816	\$27,179,765	\$4.97	\$27,189,956			\$4.47	\$24,454,548				
Rider HVDS Credit (kW) (3)	0		(\$0.10138)	\$0			(\$1.74)	\$0				
Total					\$27,341,063	\$24,607,823			\$24,608,371	100.00%	2,335,097,138	\$0.01054

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		REVISED EMBEDDED COST STUDY				EPEC	REVENUE PURSUANT TO LIBERTY REPORT IN DOCKET No. 01-0423					
NONRESIDENTIAL DELIVERY SERVICE CUSTOMERS (1)	Billing Units	Embedded Cost	Embedded Unit Cost	Embedded Revenue	Total Embedded Revenue	Total Revenue	Unit Charges (5)	Revenue	Total Revenue	as a % of EPEC	Annual kWh	Overall \$/kWh
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(J)	(K)	(L)	(M)
			= (B) / (A)	= (A) * (C)	= (D) by class	= (E) * (RR) / (ER)	= (C) * (RR) / (ER)	= (A) * (G)	= (H) by class	= (J) / (F)		= (J) / (L)
Over 1,000 kW up to and including 3,000 kW												
Customer Charge	16,813	\$3,895,652	\$231.70	\$3,895,572			\$208.33	\$3,502,652				
Standard Metering Service Charge	16,813	\$294,003	\$17.49	\$294,059			\$18.34	\$308,350				
Distribution Facilities Charge (kW) (2)	22,420,983	\$105,641,157	\$4.71	\$105,602,830			\$4.24	\$95,064,968				
Rider HVDS Credit (kW) (3)	36,223		(\$0.10138)	(\$3,672)			(\$1.74)	(\$63,028)				
Total					\$109,788,789	\$98,813,390			\$98,812,942	100.00%	10,204,466,373	\$0.00968
Over 3,000 kW up to and including 6,000 kW												
Customer Charge	3,688	\$853,674	\$231.47	\$853,661			\$208.33	\$768,321				
Standard Metering Service Charge	3,688	\$105,352	\$28.57	\$105,366			\$25.71	\$94,818				
Distribution Facilities Charge (kW) (2)	12,526,533	\$60,627,133	\$4.84	\$60,628,420			\$4.38	\$54,866,215				
Rider HVDS Credit (kW) (3)	180,332		(\$0.10138)	(\$18,282)			(\$1.74)	(\$313,778)				
Total					\$61,569,165	\$55,414,200			\$55,415,576	100.00%	6,027,272,111	\$0.00919
Over 6,000 kW up to and including 10,000 kW												
Customer Charge	964	\$225,257	\$233.67	\$225,258			\$222.31	\$214,307				
Standard Metering Service Charge	964	\$30,993	\$32.15	\$30,993			\$38.95	\$37,548				
Distribution Facilities Charge (kW) (2)	5,795,974	\$26,654,278	\$4.61	\$26,719,440			\$4.25	\$24,632,890				
Rider HVDS Credit (kW) (3)	367,786		(\$0.10138)	(\$37,286)			(\$1.74)	(\$639,948)				
Total					\$26,938,405	\$24,245,418			\$24,244,797	100.00%	2,831,246,373	\$0.00856
Over 10,000 kW												
Customer Charge	1,021	\$227,330	\$222.65	\$227,326			\$385.44	\$393,534				
Standard Metering Service Charge	1,021	\$57,179	\$56.00	\$57,176			\$50.40	\$51,458				
Distribution Facilities Charge (kW) (2)	20,208,598	\$64,739,981	\$3.25	\$65,677,944			\$3.75	\$75,782,243				
Rider HVDS Credit (kW) (3)	10,224,419		(\$0.10138)	(\$1,036,552)			(\$1.74)	(\$17,790,489)				
Total					\$64,925,894	\$58,435,363			\$58,436,746	100.00%	10,347,033,284	\$0.00565
Railroad												
Customer Costs (Points of Supply)	840	\$5,409	\$6.44	\$5,410			\$5.79	\$4,864				
Standard Metering Service Charge (Points of Supply)	840	\$28,858	\$34.35	\$28,854			\$24.92	\$20,933				
Distribution Facilities Charge (kW)	1,318,375	\$6,252,637	\$4.74	\$6,249,098			\$4.27	\$5,629,461				
Total					\$6,283,362	\$5,655,225			\$5,655,258	100.00%	451,433,454	\$0.01253
Pumping												
Customer Costs		\$297,784										
Standard Metering Service Charge (kWh)	672,591,581	\$267,553	\$0.00040	\$269,037			\$0.00036	\$242,133				
Distribution Facilities Charge (kWh) (4)	672,591,581	\$6,770,053	\$0.01051	\$7,068,938			\$0.00946	\$6,362,716				
Total					\$7,337,975	\$6,604,410			\$6,604,849	100.01%	672,591,581	\$0.00982
Nonresidential TOTAL		\$712,755,964			\$712,552,667	\$641,319,987			\$641,296,168	100.00%		

Notes:

- (1) Computations performed are provided in response to data request ML2-1 dated December 6, 2002.
- (2) Distribution facilities charges in \$/kW for the 0 kW-25 kW through the Over 10,000 kW customer classes are adjusted to account for the Rider HVDS credit, as applicable.
- (3) Rider HVDS credit is from ComEd Exhibit 50.0 Attachment B, billing determinants, and EPMC (\$2.12/kW x (14,487,209 kW / 10,821,959 kW) x (\$1,374,000,000 / \$2,235,000,000))
- (4) For the purposes of rate design, customer costs are included in the distribution facilities charge for the pumping class.
- (5) Minor rounding exists.

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LIGHTING DELIVERY SERVICE CUSTOMERS (1)	Billing Units	LTG COST ASSIGNMENT			REVISED EMBEDDED COST STUDY				EPEC	REVENUE PURSUANT TO LIBERTY REPORT IN DOCKET No. 01-0423					
		Unit Charges	Revenue	Total Revenue	Embedded Cost	Embedded Unit Cost	Embedded Revenue	Total Embedded Revenue	Total Revenue	Unit Charges (4)	Revenue	Total Revenue	as a % of EPEC	kWh	Overall \$/kWh
		(B)	(C) = (A) * (B)	(D) = (C) by class	(E)	(F) = (B) * (Y) / (Z)	(G) = (A) * (F)	(H) = (G) by class	(J) = (H) * (RR) / (ER)	(K) = (F) * (RR) / (ER)	(L) = (A) * (K)	(M) = (L) by class	(N) = (M) / (J)	(P)	(Q) = (M) / (P)
	<u>Fixtures</u>														
Fixture-included Lighting Customer Costs (2)					\$183,555		\$183,555								
Charge per Fixture Municipal Street Lighting															
Mercury Vapor - 100 Watts	252,558	\$3.55	\$896,581			\$3.00	\$757,674			\$2.74	\$692,009				
- 175 Watts	649,128	\$3.95	\$2,564,056			\$3.34	\$2,168,088			\$3.06	\$1,986,332				
- 250 Watts	104,106	\$4.37	\$454,943			\$3.70	\$385,192			\$3.38	\$351,878				
- 400 Watts	118,194	\$5.22	\$616,973			\$4.42	\$522,417			\$4.04	\$477,504				
High Pressure Sodium - 70 Watts	16,662	\$3.93	\$65,482			\$3.33	\$55,484			\$3.05	\$50,819				
- 100 Watts	189,972	\$3.85	\$731,392			\$3.26	\$619,309			\$2.98	\$566,117				
- 150 Watts	188,640	\$4.12	\$777,197			\$3.49	\$658,354			\$3.19	\$601,762				
- 250 Watts	131,922	\$4.87	\$642,460			\$4.12	\$543,519			\$3.77	\$497,346				
- 400 Watts	25,020	\$5.71	\$142,864			\$4.83	\$120,847			\$4.42	\$110,588				
- 1,000 Watts	1,644	\$12.35	\$20,303			\$10.45	\$17,180			\$9.56	\$15,717				
Special Equipment - Bracket < 8 feet	905,808	\$1.85	\$1,675,745			\$1.57	\$1,422,119			\$1.44	\$1,304,364				
> 8 feet	622,254	\$3.78	\$2,352,120			\$3.20	\$1,991,213			\$2.93	\$1,823,204				
Luminaire - Post Top (Early American/Contemporary)	51,426	\$1.81	\$93,081			\$1.53	\$78,682			\$1.40	\$71,996				
- Acorn	4,782	\$4.91	\$23,480			\$4.15	\$19,845			\$3.80	\$18,172				
Charge per Fixture Private Outdoor Lighting															
Mercury Vapor - 175 Watts	136,799	\$4.27	\$584,132			\$3.61	\$493,844			\$3.30	\$451,437				
- 400 Watts	47,865	\$5.80	\$277,617			\$4.91	\$235,017			\$4.49	\$214,914				
High Pressure Sodium Flood - 100 Watts	26,930	\$5.52	\$148,654			\$4.67	\$125,763			\$4.27	\$114,991				
- 250 Watts	121,142	\$6.09	\$737,755			\$5.15	\$623,881			\$4.71	\$570,579				
High Pressure Sodium Conventional - 100 Watts	5,373	\$4.26	\$22,889			\$3.60	\$19,343			\$3.29	\$17,677				
- 150 Watts	10,464	\$4.52	\$47,297			\$3.82	\$39,972			\$3.49	\$36,519				
Fixture-included Lighting Distribution Costs				\$ 12,875,021 (Z)	\$10,893,530 (Y)										
Total								\$11,081,298	\$9,973,519			\$9,973,925	100.00%	na	na
Street Lighting - Dusk to Dawn and All Other Lighting	<u>kWh</u>														
Customer Costs - Dusk to Dawn					\$418,964										
Standard Metering Service Charge - Dusk to Dawn (kWh)	482,239,768				\$25,685	\$0.00005	\$24,112			\$0.00005	\$24,112				
Distribution Facilities Charge - Dusk to Dawn (kWh) (3)	482,239,768				\$5,121,513	\$0.01149	\$5,540,935			\$0.01034	\$4,986,359				
Total								\$5,565,047	\$5,008,719			\$5,010,471	100.03%	482,239,768	\$0.01039
Customer Costs - All Other Lighting					\$71,726										
Standard Metering Service Charge - All Other Lighting (kWh)	88,711,232				\$3,885	\$0.00004	\$3,548			\$0.00004	\$3,548				
Distribution Facilities Charge - All Other Lighting (kWh) (3)	88,711,232				\$646,356	\$0.00809	\$717,674			\$0.00728	\$645,818				
Total								\$721,222	\$649,123			\$649,366	100.04%	88,711,232	\$0.00732
Lighting TOTAL					\$17,365,214			\$17,367,567	\$15,631,361			\$15,633,762	100.02%		
COMPANY TOTAL					\$1,526,974,998			\$1,526,612,902	\$1,374,000,001			\$1,374,000,000	OK		
COMPANY REVENUE REQUIREMENT												\$1,374,000,000			
												\$0	difference		

Notes:

- (1) Computations performed are provided in response to data request ML2-1 dated December 6, 2002.
- (2) For the purposes of rate design, customer costs are included in the fixture charges for the fixture-included lighting class.
- (3) For the purposes of rate design, customer costs are included in the per kWh distribution facilities charges for the street lighting classes.
- (4) Minor rounding exists.

Company Embedded Cost of Service Study Revenue Assignment by Delivery Service Customer Class
Source: Schedule F of Compliance filing in Docket No. 01-0423 dated April 11, 2002
EPEC-ECC and Monthly Demands

Class	HV ESS \$	HV Dist Substa \$	HV Dist Lines \$	Dist Substa \$	Dist Lines \$	Line Trans \$	Uncollectible \$	Rev Related \$	Elec Dis Tax \$	System Black Start \$	Fixture-Inc Ltg \$	Total Distribution \$
Residential												
Single Family WO/Space Heat	\$ -	\$ 77,604,011	\$ 10,464,845	\$ 34,469,612	\$ 210,021,113	\$ 23,796,783	\$ 1,797,522	\$ (4,272,947)	\$ 18,318,651	\$ 75,229	\$ -	\$ 372,274,819
Multi Family WO/Space Heat	\$ -	\$ 15,861,048	\$ 2,138,851	\$ 6,302,704	\$ 38,401,965	\$ 4,351,197	\$ 3,582,840	\$ (864,552)	\$ 3,831,874	\$ 15,736	\$ -	\$ 73,621,663
Single Family W/Space Heat	\$ -	\$ 2,168,612	\$ 292,436	\$ 1,745,491	\$ 10,635,162	\$ 1,205,034	\$ 153,813	\$ (186,345)	\$ 1,047,962	\$ 4,304	\$ -	\$ 17,066,469
Multi Family W/Space Heat	\$ -	\$ 4,078,471	\$ 549,979	\$ 3,855,666	\$ 23,492,323	\$ 2,661,836	\$ 782,415	\$ (410,290)	\$ 1,896,159	\$ 7,787	\$ -	\$ 36,914,346
Fixture-included Lighting Residential (see Fixture-included Lighting Nonresidential)												
Non-Residential -												
With Only Watt-hour Only Meters	\$ -	\$ 2,432,431	\$ 328,012	\$ 889,669	\$ 5,420,697	\$ 614,201	\$ 57,933	\$ (123,705)	\$ 715,576	\$ 2,939	\$ -	\$ 10,337,753
0 kW up to and including 25 kW	\$ -	\$ 11,940,796	\$ 1,610,208	\$ 4,354,660	\$ 26,532,661	\$ 3,006,326	\$ 292,622	\$ (599,586)	\$ 3,698,911	\$ 15,190	\$ -	\$ 50,851,788
Over 25 kW up to and including 100 kW	\$ -	\$ 21,189,478	\$ 2,857,386	\$ 7,886,189	\$ 48,050,042	\$ 5,444,388	\$ 579,069	\$ (982,151)	\$ 7,065,506	\$ 29,016	\$ -	\$ 92,118,923
Over 100 kW up to and including 400 kW	\$ -	\$ 28,801,654	\$ 3,883,882	\$ 10,720,719	\$ 65,320,645	\$ 7,401,262	\$ 646,015	\$ (1,295,134)	\$ 10,353,422	\$ 42,518	\$ -	\$ 125,874,983
Over 400 kW up to and including 800 kW	\$ 13,606	\$ 20,047,977	\$ 2,705,274	\$ 7,688,361	\$ 46,844,685	\$ 5,307,813	\$ 411,106	\$ (913,018)	\$ 8,234,142	\$ 33,815	\$ -	\$ 90,373,761
Over 800 kW up to and including 1,000 kW	\$ 1,445	\$ 5,787,929	\$ 780,681	\$ 2,355,247	\$ 14,350,370	\$ 1,625,992	\$ 118,467	\$ (273,829)	\$ 2,423,510	\$ 9,953	\$ -	\$ 27,179,765
Over 1,000 kW up to and including 3,000 kW	\$ 55,166	\$ 22,870,625	\$ 3,091,278	\$ 8,987,795	\$ 54,762,053	\$ 6,204,903	\$ 64,680	\$ (1,055,566)	\$ 10,616,624	\$ 43,599	\$ -	\$ 105,641,157
Over 3,000 kW up to and including 6,000 kW	\$ 296,044	\$ 12,851,204	\$ 1,770,920	\$ 5,138,342	\$ 31,307,587	\$ 3,547,357	\$ 35,009	\$ (601,979)	\$ 6,256,954	\$ 25,695	\$ -	\$ 60,627,133
Over 6,000 kW up to and including 10,000 kW	\$ 532,798	\$ 5,636,119	\$ 808,141	\$ 2,180,685	\$ 13,286,771	\$ 1,505,479	\$ 15,560	\$ (262,393)	\$ 2,939,048	\$ 12,070	\$ -	\$ 26,654,278
Over 10,000 kW	\$ 10,980,141	\$ 9,175,343	\$ 2,470,921	\$ 4,095,564	\$ 24,954,008	\$ 2,827,454	\$ 29,883	\$ (600,399)	\$ 10,762,866	\$ 44,200	\$ -	\$ 64,739,981
Railroad	\$ -	\$ 1,103,588	\$ 148,818	\$ 648,422	\$ 3,950,796	\$ -	\$ -	\$ (63,357)	\$ 462,471	\$ 1,899	\$ -	\$ 6,252,637
Pumping	\$ -	\$ 1,306,728	\$ 176,211	\$ 597,550	\$ 3,640,834	\$ 412,531	\$ 1,994	\$ (70,504)	\$ 701,827	\$ 2,882	\$ -	\$ 6,770,053
Fixture-included Lighting Nonresidential	\$ -	\$ 3,325	\$ 448	\$ 157,622	\$ 960,383	\$ 108,818	\$ 4,636	\$ (166,573)	\$ 132,567	\$ 544	\$ 9,691,760	\$ 10,893,530
Street Lighting - Dusk to Dawn	\$ -	\$ 12,287	\$ 1,657	\$ 597,630	\$ 3,641,319	\$ 412,586	\$ 1,390	\$ (52,125)	\$ 504,696	\$ 2,073	\$ -	\$ 5,121,513
Street Lighting - All Other Lighting	\$ -	\$ 137,408	\$ 18,529	\$ 51,799	\$ 315,611	\$ 35,761	\$ 287	\$ (6,262)	\$ 92,842	\$ 381	\$ -	\$ 646,356
TOTAL	\$ 11,879,200	\$ 243,009,034	\$ 34,098,477	\$ 102,723,727	\$ 625,889,025	\$ 70,469,721	\$ 8,575,241	\$ (12,800,715)	\$ 90,055,608	\$ 369,830	\$ 9,691,760	\$ 1,183,960,908

Company Embedded Cost of Service Study Revenue Assignment by Delivery Service Customer Class
Source: Schedule F of Compliance filing in Docket No. 01-0423 dated April 11, 2002
EPEC-ECC and Monthly Demands

Class	Services \$	Customer Installation Other \$	Billing Computation Data Mgmt \$	Bill Issue Processing \$	Customer Info \$	Uncollect \$	Revenue Related \$	Total Customer \$	Customer and Distribution Total \$	Metering Service \$	Customer Distribution Metering Service Total \$
Residential											
Single Family WO/Space Heat	\$ 17,385,679	\$ 33,198,481	\$ 79,051,372	\$ 13,090,898	\$ 8,205,877	\$ 723,960	\$ (1,720,948)	\$ 149,935,319	\$ 522,210,138	\$ 43,386,432	\$ 565,596,570
Multi Family WO/Space Heat	\$ 1,594,491	\$ 15,072,913	\$ 35,891,234	\$ 5,943,584	\$ 3,725,667	\$ 3,144,456	\$ (758,769)	\$ 64,613,576	\$ 138,235,239	\$ 20,791,445	\$ 159,026,684
Single Family W/Space Heat	\$ 678,656	\$ 749,950	\$ 1,785,762	\$ 295,722	\$ 185,370	\$ 33,242	\$ (40,273)	\$ 3,688,429	\$ 20,754,898	\$ 984,079	\$ 21,738,977
Multi Family W/Space Heat	\$ 397,765	\$ 2,434,438	\$ 5,796,821	\$ 959,953	\$ 601,735	\$ 218,196	\$ (114,420)	\$ 10,294,488	\$ 47,208,834	\$ 3,282,755	\$ 50,491,589
Fixture-included Lighting Residential (see Fixture-included Lighting Nonresidential)											
Non-Residential -											
With Only Watt-hour Only Meters	\$ 405,414	\$ 1,755,445	\$ 4,180,020	\$ 692,211	\$ 433,904	\$ 41,581	\$ (88,788)	\$ 7,419,787	\$ 17,757,540	\$ 2,367,797	\$ 20,125,337
0 kW up to and including 25 kW	\$ 538,409	\$ 2,331,310	\$ 5,551,257	\$ 919,287	\$ 576,245	\$ 56,721	\$ (116,223)	\$ 9,857,006	\$ 60,708,794	\$ 7,559,873	\$ 68,268,667
Over 25 kW up to and including 100 kW	\$ 497,243	\$ 827,812	\$ 1,971,165	\$ 326,425	\$ 204,616	\$ 23,954	\$ (40,628)	\$ 3,810,587	\$ 95,929,510	\$ 2,877,189	\$ 98,806,699
Over 100 kW up to and including 400 kW	\$ 1,780,992	\$ 273,711	\$ 651,753	\$ 107,930	\$ 67,655	\$ 14,715	\$ (29,501)	\$ 2,867,255	\$ 128,742,238	\$ 1,143,712	\$ 129,885,950
Over 400 kW up to and including 800 kW	\$ 397,351	\$ 61,067	\$ 145,410	\$ 24,080	\$ 15,094	\$ 2,909	\$ (6,460)	\$ 639,451	\$ 91,013,212	\$ 350,965	\$ 91,364,177
Over 800 kW up to and including 1,000 kW	\$ 67,922	\$ 10,439	\$ 24,856	\$ 4,116	\$ 2,580	\$ 476	\$ (1,101)	\$ 109,288	\$ 27,289,053	\$ 41,798	\$ 27,330,851
Over 1,000 kW up to and including 3,000 kW	\$ 152,239	\$ 22,604	\$ 3,742,849	\$ 8,913	\$ 5,587	\$ 2,385	\$ (38,925)	\$ 3,895,652	\$ 109,536,809	\$ 294,003	\$ 109,830,812
Over 3,000 kW up to and including 6,000 kW	\$ 33,360	\$ 4,953	\$ 820,167	\$ 1,953	\$ 1,224	\$ 493	\$ (8,476)	\$ 853,674	\$ 61,480,807	\$ 105,352	\$ 61,586,159
Over 6,000 kW up to and including 10,000 kW	\$ 8,802	\$ 1,307	\$ 216,396	\$ 515	\$ 323	\$ 131	\$ (2,217)	\$ 225,257	\$ 26,879,535	\$ 30,993	\$ 26,910,528
Over 10,000 kW	\$ -	\$ 1,371	\$ 227,082	\$ 541	\$ 339	\$ 105	\$ (2,108)	\$ 227,330	\$ 64,967,311	\$ 57,179	\$ 65,024,490
Railroad	\$ -	\$ 32	\$ 5,411	\$ 13	\$ 8	\$ -	\$ (55)	\$ 5,409	\$ 6,258,046	\$ 28,858	\$ 6,286,904
Pumping	\$ 257,832	\$ 10,681	\$ 25,432	\$ 4,212	\$ 2,640	\$ 88	\$ (3,101)	\$ 297,784	\$ 7,067,837	\$ 267,553	\$ 7,335,390
Fixture-included Lighting Nonresidential	\$ -	\$ 29,089	\$ 138,534	\$ 11,471	\$ 7,190	\$ 78	\$ (2,807)	\$ 183,555	\$ 11,077,085	\$ -	\$ 11,077,085
Street Lighting - Dusk to Dawn	\$ 307,396	\$ 28,767	\$ 68,498	\$ 11,343	\$ 7,110	\$ 114	\$ (4,264)	\$ 418,964	\$ 5,540,477	\$ 25,685	\$ 5,566,162
Street Lighting - All Other Lighting	\$ 32,604	\$ 9,890	\$ 23,550	\$ 3,900	\$ 2,445	\$ 32	\$ (695)	\$ 71,726	\$ 718,082	\$ 3,885	\$ 721,967
TOTAL	\$ 24,536,155	\$ 56,824,260	\$ 140,317,569	\$ 22,407,067	\$ 14,045,609	\$ 4,263,636	\$ (2,979,759)	\$ 259,414,537	\$ 1,443,375,445	\$ 83,599,553	\$ 1,526,974,998